

Notice of Allowability

Application No.

09/944,080

Examiner

Antonio A. Caschera

Applicant(s)

FUKUDA ET AL.

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 01/08/08.
2. ☒ The allowed claim(s) is/are 1,3,5-9,11,13-17,19,21-25,27 and 29-32.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Priority

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in the pending application.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

IN THE CLAIMS

Claim 1 (Currently Amended): An information processing device for executing various kinds of information processing, said information processing device comprising:

a main body having a keyboard mounted thereon;

a display body with a display screen arranged on a front surface, which is connected to said main body to rotate in opening/folding directions and to rotate in a turning direction different from the opening/folding directions, to be in a closed position in which the display body covers the keyboard, an open position in which the display screen faces the keyboard, or a turned rotated position in which the display body is turned and rotated, a back surface of

the display screen is close to said main body, and the display screen is on an opposite side as the keyboard;

first operating means and second operating means, one of said first and second operating means is provided outside of said display body, separate from the keyboard and adjacent to the keyboard, for operating the information processing device disposed at a position to be operable when said display body is in each of the open position and turned rotated position, and the other of said first and second operating means is provided on the display body but outside of and operating independently of contact with said display screen, for operating the information processing device disposed at a position to be operable when said display body is in the turned rotated position, wherein the at least first operating means and the second operating means are positioned on a same left or right side of the display screen when the display body is in the open position, and when the back surface of said display body is in the turned rotated position the second operating means is positioned on an opposite left or right side of the display screen as the at least first operating means;

~~and display~~ display control means for displaying a system menu showing processing items on said display screen based on an operation of said first operating means, wherein said first operating means includes at least an operating button, said second operating means includes an operating device dedicated for displaying of the system menu showing processing items and said operating device is dedicated for selecting the processing items.

Claim 2 (Cancelled)

Claim 3 (Previously Presented)

Claim 4 (Cancelled)

Claim 5 (Previously Presented)

Claim 6 (Previously Presented)

Claim 7 (Previously Presented)

Claim 8 (Previously Presented)

Claim 9 (Currently Amended): An information processing device for executing various kinds of information processing, said information processing device comprising:

a main body having a keyboard mounted thereon;

a display body with a display screen arranged on a front surface, which is connected to said main body to rotate in opening/folding directions and to rotate in a turning direction different from the opening/folding directions, to be in a closed position in which the display body covers the keyboard, an open position in which the display screen faces the keyboard, or a turned rotated position in which the display body is turned and rotated, a back surface of the display screen is close to said main body, and the display screen is on an opposite side as the keyboard;

first operating unit and a second operating unit, one of said first and second operating units is provided outside of said display body, separate from the keyboard and adjacent to the keyboard, configured to operate the information processing device disposed at a position to be operable when said display body is in each of the open position and turned rotated position, and the other of said first and second operating units is provided on the display body but outside of and operating independently of contact with said display screen, configured to operate the information processing device disposed at a position to be operable when said

display body is in the turned rotated position, wherein the at least first operating unit and the second operating unit are positioned on a same left or right side of the display screen when the display body is in the open position, and when the back surface of said display body is in the turned rotated position the second operating unit is positioned on an opposite left or right side of the display screen as the at least first operating unit; and

a display controller configured to display a system menu showing processing items on said display screen based on an operation of said first operating unit, wherein

said first operating unit includes at least an operating button, said second operating unit includes an operating device dedicated for displaying of the system menu showing processing items and said operating device is dedicated for selecting the processing items.

Claim 10 (Cancelled)

Claim 11 (Previously Presented)

Claim 12 (Cancelled)

Claim 13 (Previously Presented)

Claim 14 (Previously Presented)

Claim 15 (Previously Presented)

Claim 16 (Previously Presented)

Claim 17 (Previously Presented)

Application/Control Number:
09/944,080
Art Unit: 2628

Page 6

Claim 18 (Cancelled)

Claim 19 (Previously Presented)

Claim 20 (Cancelled)

Claim 21 (Previously Presented)

Claim 22 (Previously Presented)

Claim 23 (Previously Presented)

Claim 24 (Previously Presented)

Claim 25 (Previously Presented)

Claim 26 (Cancelled)

Claim 27 (Previously Presented)

Claim 28 (Cancelled)

Claim 29 (Previously Presented)

Claim 30 (Previously Presented)

Claim 31 (Previously Presented)

Claim 32 (Previously Presented)

Claims 33-44 (Cancelled)

Response to Arguments

3. The cancellation of claims 33-36 is noted which places the application in condition for allowance since claim 33-36 were rejected under 35 USC 112 while all other remaining claims were deemed allowable.

Allowable Subject Matter

4. Claims 1, 3, 5-9, 11, 13-17, 19, 21-25, 27 and 29-32 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

In reference to claims 1, 9, 17 and 25, the prior art of record (Bird (U.S. Patent 5,341,154), Miyagawa et al. (U.S. Patent 5,594,619), Crooks et al. (U.S. Patent 5,208,736) and Isashi (U.S. Patent 5,898,600)) does not explicitly disclose the information processing device as claimed including the first and second processing/operating means/units, one of which is located outside a display body of the device, separate from the keyboard configured to be operable when the display body is in each of an open position and turned rotated position and the other processing/operating means/units is located on the display body but outside of and operating independently of contact with the display and operable when the display is in the turned rotated position wherein both first and second processing/operating means/units are located on the same side of the display when the display is in the open position while the first processing/operating means./unit further comprising an operating button and the second processing/operating means/unit comprises an operating device for displaying and selecting of a system menu

showing processing items, in combination with the further limitations of claims 1, 9, 17 and 25 respectively.

In reference to claims 5, 7, 8, 13, 15, 16, 21, 23, 24, 29 and 31, claims 5, 7, 8, 13, 15, 16, 21, 23, 24, 29 and 31 depend upon claims 1, 9, 17 and 25 and are therefore also deemed allowable.

In reference to claims 3, 11, 19 and 27, the prior art of record (Bird (U.S. Patent 5,341,154), Miyagawa et al. (U.S. Patent 5,594,619), Crooks et al. (U.S. Patent 5,208,736) and Isashi (U.S. Patent 5,898,600)) does not explicitly disclose the information processing device as claimed including the photographing case with photographing function, the first and second processing/operating means/units, one of which is located outside a display body of the device, separate from the keyboard configured to be operable when the display body is in each of an open position and turned rotated position and the other processing/operating means/units is located on the display body but outside of and operating independently of contact with the display and operable when the display is in the turned rotated position wherein both first and second processing/operating means/units are located on the same side of the display when the display is in the open position while the first processing/operating means/unit further comprising an operating button and the second processing/operating means/unit comprises an operating device for displaying and selecting of a system menu showing processing items, in combination with the further limitations of claims 3, 11, 19 and 27 respectively.

In reference to claims 6, 14, 22, 30 and 32, claims 6, 14, 22, 30 and 32 depend upon claims 3, 11, 19 and 27 and are therefore also deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Antonio Caschera whose telephone number is (571) 272-7781. The examiner can normally be reached Monday-Thursday and alternate Fridays between 7:00 AM and 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kee Tung, can be reached at (571) 272-7794.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231


or faxed to:

571-273-8300 (Central Fax)

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (571) 272-2600.

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2/7/08


KEE M. TUNG
SUPERVISORY PATENT EXAMINER